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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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FILE 'USPAT2' ENTERED AT 17:59:17 ON 03 FEB 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s polyaniline and blend and pixellat?

L1 13 POLYANILINE AND BLEND AND PIXELLAT?

=> s l1 and (poly 2-acrylamido-2-methyl-1-propanesulfonic acid or PAAMPSA)

4 FILES SEARCHED...

L2 10 L1 AND (POLY 2-ACRYLAMIDO-2-METHYL-1-PROPANESULFONIC ACID OR PAAMPSA)

=> S L2 AND (poly styrenesulfonic acid or PSS)

L3 5 L2 AND (POLY STYRENESULFONIC ACID OR PSS)

=> S L2 AND (polystyrenesulfonic acid or PSS)

L4 5 L2 AND (POLYSTYRENESULFONIC ACID OR PSS)

=> S L4 and light emitting diode#

L5 5 L4 AND LIGHT EMITTING DIODE#

=> d l5 1-5

L5 ANSWER 1 OF 5 PCTFULL COPYRIGHT 2005 Univentio on STN

AN 2004020502 PCTFULL ED 20040316 EW 200411

TIEN HIGH RESISTANCE **POLYANILINE BLEND** FOR USE IN HIGH

EFFICIENCY **PIXELLATED** POLYMER ELECTROLUMINESCENT DEVICES

TIFR MELANGE DE **POLYANILINE** A HAUTE RESISTANCE DESTINE A ETRE

UTILISE DANS DES DISPOSITIFS ELECTROLUMINESCENTS POLYMERES PIXELLES A HAUT RENDEMENT

IN ZHANG, Chi, 5817 Encina Road, Apartment 102, Goleta, CA 93117, US

PA E.I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE 19898, US [US, US]

AG CAPRIA, Mary, Ann, E.I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805, US

LAF English

LA English

DT Patent

PI WO 2004020502 A1 20040311

DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
AI WO 2003-US26756 A 20030826
PRAI US 2002-60/406,708 20020829
ICM C08G073-00
ICS C08G073-02; H01L051-00; H01L051-20; H01L051-30

L5 ANSWER 2 OF 5 PCTFULL COPYRIGHT 2005 Univentio on STN
AN 2001099192 PCTFULL ED 20020826
TIEN HIGH RESISTANCE CONDUCTIVE POLYMERS FOR USE IN HIGH EFFICIENCY
PIXELLATED ORGANIC ELECTRONIC DEVICES
TIFR POLYMERES CONDUCTEURS HAUTE RESISTANCE, UTILISES DANS DES DISPOSITIFS
ELECTRONIQUES ORGANIQUES PIXELISES A HAUT RENDEMENT
IN ZHANG, Chi;
CAO, Yong
PA UNIAX CORPORATION;
ZHANG, Chi;
CAO, Yong
DT Patent
PI WO 2001099192 A2 20011227
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW
AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML
MR NE SN TD TG

AI WO 2001-US18189 A 20010605
PRAI US 2000-60/212,736 20000620
ICM H01L027-00

L5 ANSWER 3 OF 5 PCTFULL COPYRIGHT 2005 Univentio on STN
AN 2001041230 PCTFULL ED 20020827
TIEN HIGH RESISTANCE **POLYANILINE** USEFUL IN HIGH EFFICIENCY
PIXELLATED POLYMER ELECTRONIC DISPLAYS
TIFR **POLYANILINE** A RESISTANCE ELEVEE UTILISEE DANS DES AFFICHAGES
ELECTRONIQUES POLYMERES PIXELISES A EFFICACITE ELEVEE
IN CAO, Yong;
ZHANG, Chi
PA UNIAX CORPORATION
DT Patent
PI WO 2001041230 A1 20010607
DS W: CA CN JP KR SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE TR

AI WO 2000-US32545 A 20001130
PRAI US 1999-60/168,856 19991202
ICM H01L051-20
ICS H01L027-15

L5 ANSWER 4 OF 5 USPATFULL on STN
AN 2002:185467 USPATFULL
TI High resistance **polyaniline** useful in high efficiency
pixellated polymer electronic displays
IN Cao, Yong, Goleta, CA, UNITED STATES
Zhang, Chi, Goleta, CA, UNITED STATES
PI US 2002098377 A1 20020725
AI US 2000-725694 A1 20001129 (9)
PRAI US 1999-168856P 19991202 (60)
DT Utility
FS APPLICATION
LN.CNT 950

INCL INCLM: 428/690.000
INCLS: 428/917.000; 313/504.000; 313/506.000; 427/058.000; 427/066.000;
252/500.000; 257/040.000
NCL NCLM: 428/690.000
NCLS: 428/917.000; 313/504.000; 313/506.000; 427/058.000; 427/066.000;
252/500.000; 257/040.000
IC [7]
ICM: H05B033-12
ICS: H01B001-12

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 5 USPATFULL on STN
AN 2002:71863 USPATFULL
TI High resistance conductive polymers for use in high efficiency
pixelated organic electronic devices
IN Cao, Yong, Goleta, CA, UNITED STATES
Zhang, Chi, Goleta, CA, UNITED STATES
PI US 2002038999 A1 20020404
AI US 2001-878570 A1 20010611 (9)
RLI Continuation-in-part of Ser. No. US 2000-725694, filed on 29 Nov 2000,
PENDING
PRAI US 2000-212736P 20000620 (60)
DT Utility
FS APPLICATION
LN.CNT 1333
INCL INCLM: 313/503.000
NCL NCLM: 313/503.000
IC [7]
ICM: H01J001-62

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

Day : Thursday

Date: 2/3/2005

Time: 17:50:19

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = ZHANG

First Name = CHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name 44
<u>60640485</u>	Not Issued	019	12/30/2004	FILTERABILITY OF PANI DISPERSIONS WITH ULTRASONIC TREATMENT	ZHANG, CHI
<u>60462171</u>	Not Issued	159	04/10/2003	PROMOTING CARDIAC CELL DIFFERENTIATION	ZHANG, CHI
<u>60438209</u>	Not Issued	159	01/06/2003	HIGH RESISTANCE POLY(3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (STYRENE SULFONATE) FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT DEVICES	ZHANG, CHI
<u>60438170</u>	Not Issued	159	01/06/2003	VARIABLE RESISTANCE POLY(3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (STYRENE SULFONATE) FOR USE IN ELECTRONIC DEVICES	ZHANG, CHI
<u>60406708</u>	Not Issued	159	08/29/2002	HIGH RESISTANCE POLYANILINE BLEND FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT DEVICES	ZHANG, CHI
<u>60213674</u>	Not Issued	159	06/21/2000	HIGH RESISTANCE CONDUCTIVE POLYMERS FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER EMISSIVE DISPLAYS	ZHANG, CHI
<u>60212934</u>	Not Issued	159	06/20/2000	LIFETIME OF POLYMER LIGHT EMITTING DIODES FOR HIGH DENSITY INFORMATION DISPLAY BY THERMAL TREATMENT OF POLYMER LAYERS	ZHANG, CHI
<u>60212924</u>	Not Issued	159	06/20/2000	MULTILAYER STRUCTURES AS STABLE HOLE-INJECTING ELECTRODES FOR USE IN HIGH RESISTANCE EFFICIENCY PIXELLATED POLYMER EMISSIVE	ZHANG, CHI

				DISPLAYS	
<u>60212736</u>	Not Issued	159	06/20/2000	HIGH RESISTANCE CONDUCTIVE POLYMERS FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER EMMISIVE DISPLAYS	ZHANG, CHI
<u>60168856</u>	Not Issued	159	12/02/1999	HIGH RESISTANCE POLYANILINE FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER EMISSIVE DISPLAYS	ZHANG, CHI
<u>60144251</u>	Not Issued	159	07/19/1999	LONG LIFETIME POLYMER LIGHT-EMITTING DEVICES WITH HIGH LUMINOUS EFFICIENCY AND HIGH RADIANCE	ZHANG, CHI
<u>29199375</u>	Not Issued	094	02/12/2004	ELECTRICAL CONNECTOR	ZHANG, CHI
<u>10998853</u>	Not Issued	020	11/29/2004	ELECTRICAL CONTACT	ZHANG, CHI
<u>10951501</u>	Not Issued	030	09/27/2004	ELECTRICAL CONNECTOR ASSEMBLY HAVING PICK-UP DEVICE	ZHANG, CHI
<u>10949997</u>	Not Issued	030	09/23/2004	TERMINAL FOR ELECTRICAL CONNECTOR	ZHANG, CHI
<u>10943663</u>	Not Issued	030	09/16/2004	CARD EDGE CONNECTOR WITH IMPROVED TERMINALS	ZHANG, CHI
<u>10940386</u>	Not Issued	030	09/13/2004	ELECTRICAL CONNECTOR HAVING IMPROVED CONTACTS	ZHANG, CHI
<u>10940303</u>	Not Issued	092	09/13/2004	ELECTRICAL CONNECTOR HAVING IMPROVED CONTACTS	ZHANG, CHI
<u>10938077</u>	Not Issued	030	09/09/2004	PRESS-FIT CONTACT FOR ELECTRICAL CONNECTOR	ZHANG, CHI
<u>10937935</u>	Not Issued	030	09/09/2004	ELECTRICAL CONNECTOR HAVING CONTACT WITH HIGH CONTACT NORMAL FORCE AND SUFFICIENT RESILIENCY	ZHANG, CHI
<u>10936281</u>	Not Issued	092	09/07/2004	ELECTRICAL CONNECTOR ASSEMBLY	ZHANG, CHI
<u>10936274</u>	Not Issued	030	09/07/2004	ELECTRICAL CONNECTOR HAVING RELIABLE TERMINAL RETAINING STRUCTURE	ZHANG, CHI
<u>10935817</u>	Not Issued	030	09/07/2004	ELECTRICAL CONNECTOR HAVING SHIELDING PLATES	ZHANG, CHI
<u>10917650</u>	Not Issued	030	08/13/2004	ELECTRICAL CONNECTOR	ZHANG, CHI
<u>10914963</u>	Not	030	08/09/2004	ELECTRICAL CONNECTOR WITH	ZHANG,

	Issued			IMPROVED TERMINALS	CHI
<u>10914879</u>	Not Issued	041	08/09/2004	ELECTRICAL CONNECTOR WITH IMPROVED TERMINALS	ZHANG, CHI
<u>10822496</u>	Not Issued	041	04/12/2004	PROMOTING CARDIAC CELL DIFFERENTIATION	ZHANG, CHI
<u>10802704</u>	Not Issued	030	03/17/2004	WATER DISPERSIBLE POLYTHIOPHENES MADE WITH POLYMERIC ACID COLLOIDS	ZHANG, CHI
<u>10748965</u>	Not Issued	020	12/30/2003	VARIABLE RESISTANCE POLY(3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (STYRENE SULFONATE) FOR USE IN ELECTRONIC DEVICES	ZHANG, CHI
<u>10748927</u>	Not Issued	030	12/30/2003	HIGH RESISTANCE POLY(3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (STYRENE SULFONATE) FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT DEVICES	ZHANG, CHI
<u>10726532</u>	Not Issued	020	12/04/2003	METHOD OF CONFIGURATION MANAGED ENTITIES IN A COMMUNICATIONS NETWORK USING CONFIGURATION TEMPLATES	ZHANG, CHI
<u>10669494</u>	Not Issued	030	09/24/2003	WATER DISPERSIBLE POLYTHIOPHENES MADE WITH POLYMERIC ACID COLLOIDS	ZHANG, CHI
<u>10627550</u>	Not Issued	030	07/24/2003	HIGH RESISTANCE POLYANILINE BLEND FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT DEVICES	ZHANG, CHI
<u>10324317</u>	Not Issued	083	12/20/2002	MULTILAYER STRUCTURES AS STABLE HOLE-INJECTING ELECTRODES FOR USE IN HIGH EFFICIENCY ORGANIC ELECTRONIC DEVICES	ZHANG, CHI
<u>09954549</u>	Not Issued	041	09/17/2001	METHODS FOR ACCESSING INFORMATION ON PERSONAL COMPUTERS USING VOICE THROUGH LANDLINE OR WIRELESS PHONES	ZHANG, CHI
<u>09881223</u>	Not Issued	161	06/14/2001	MULTILAYER STRUCTURES AS STABLE HOLE-INJECTING ELECTRODES FOR USE IN HIGH EFFICIENCY ORGANIC ELECTRONIC DEVICES	ZHANG, CHI
<u>09878570</u>	Not	161	06/11/2001	HIGH RESISTANCE CONDUCTIVE	ZHANG,

Not even Iss

	Issued			POLYMERS FOR USE IN HIGH EFFICIENCY PIXELLATED ORGANIC ELECTRONIC DEVICES	CHI
<u>09872301</u>	Not Issued	041	06/01/2001	THERMAL TREATMENT OF SOLUTION-PROCESSED ORGANIC ELECTROACTIVE LAYER IN ORGANIC ELECTRONIC DEVICE	ZHANG, CHI
<u>09725694</u>	Not Issued	094	11/29/2000 <i>John Palmer</i>	HIGH RESISTANCE POLYANILINE USEFUL IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTRONIC DISPLAYS	ZHANG, CHI
<u>09617858</u>	6849869	150	07/17/2000	LONG LIFETIME POLYMER LIGHT-EMITTING DEVICES WITH IMPROVED LUMINOUS EFFICIENCY AND IMPROVED RADIANCE	ZHANG, CHI
<u>09596354</u>	Not Issued	161	06/17/2000	APPARATUS AND METHODS FOR ON-LINE PRODUCTS SEARCHING THAT EMPLOY ENTROPY-REDUCTION-BASED NATURAL LANGUAGE PROCESSING	ZHANG, CHI
<u>09538101</u>	6681044	150	03/29/2000	RETRIEVAL OF CURSIVE CHINESE HANDWRITTEN ANNOTATIONS BASED ON RADICAL MODEL	ZHANG, CHI
<u>08609113</u>	5798170	150	02/29/1996	LONG OPERATING LIFE FOR POLYMER LIGHT-EMITTING DIODES	ZHANG, CHI
<u>08089976</u>	Not Issued	161	07/09/1993	ELECTROLUMINESCENT DIODES UTILIZING BLENDS OF POLYMERS	ZHANG, CHI

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="Zhang"/>	<input type="text" value="Chi"/>	<input type="button" value="Search"/>

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